

AMENDMENTS TO THE CLAIMS

The following is a copy of Applicants' claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("—"), as is applicable:

1. (Currently amended) A method for providing a television menu comprising:
storing, in a memory associated with a settop terminal (STT), ~~a plurality of~~
service identifiers in a first data structure, the service identifiers associated
with respective definitional information regarding a plurality of television
menus in which each of the television menus includes at least one
television menu option a channel data structure comprising a first channel
entry and a second channel entry, the first channel entry comprising a first
channel number and a first pointer to a first service identifier, the second
channel entry comprising a second channel number and a second pointer
to a second service identifier, the first and second service identifiers
corresponding to first and second services provided in a cable television
system;
storing, in the memory associated with the STT, ~~a plurality of channel identifiers~~
in a second data structure, each channel identifier being associated with a
pointer to one of the plurality of service identifiers that are stored in the
first data structure and each channel identifier further representing a
plurality of television channels available for selection by a user of the STT
a service data structure comprising a first service entry and a second
service entry, the first service entry comprising the first service identifier,

a first identifier of a first executable software application associated with the first service identifier, and a first menu option, the second service entry comprising the second service identifier, a second identifier of a second executable software application associated with the second service identifier, and a second menu option, the first and second menu options contextually related to the first and second services identifiers, respectively;

selecting one of the ~~plurality of television channels~~ first channel number or the second channel number via the STT;

receiving an input signal from a user input to provide a television menu;

responsive to the input signal, ~~providing one of the television menus of the plurality of television menus~~ automatically determining whether to present the first menu option or the second menu option to the user ~~that includes the at least one television menu option~~ based on whether the first or second service identifier is linked by the respective first or second pointer associated with the selected television channel; and

displaying either the first or second menu option depending on the determination.

2. (Currently Amended) The method for providing a television menu of claim 1, further comprising providing the first or second service associated with the respective first or second service identifier, wherein the first or second service provided is identified by an operating system.

3. (Currently Amended) The method for providing a television menu of claim 1, further comprising providing the first or second service associated with the respective first or second service identifier, wherein the first or second service is identified by information previously stored in memory.

4. (Currently Amended) The method for providing a television menu of claim 1, wherein ~~a user~~ the input signal corresponds to a predefined input signal.

5. (Currently amended) A programmable television services client device that provides television control services, said client device comprising:

a device configured to select one of a plurality of television channels;

memory with logic stored therein, the memory further configured to store:

a plurality of service identifiers in a first data structure, the service identifiers associated with respective definitional information regarding a plurality of television menus in which each television menu includes at least one television menu option a channel data structure comprising a first channel entry and a second channel entry, the first channel entry comprising a first channel number and a first pointer to a first service identifier, the second channel entry comprising a second channel number and a second pointer to a second service identifier, the first and second service identifiers corresponding to first and second services provided in a cable television system; and

a plurality of channel identifiers in a second data structure, each channel identifier being associated with a pointer to one of the plurality of service identifiers that are stored in the first data structure and each channel identifier further representing a plurality of television channels available for selection by a user of the client device a service data structure comprising a first service entry and a second service entry, the first service entry comprising the first service identifier, a first identifier of a first executable software application associated with the first service identifier, and a first menu

option, the second service entry comprising the second service identifier, a second identifier of a second executable software application associated with the second service identifier, and a second menu option, the first and second menu options contextually related to the first and second services identifiers, respectively; and

a processor coupled to said memory ~~that is~~ and configured with the logic to receive an input signal from a user input, and responsive to the input signal, ~~provide the corresponding one of the television menus of the plurality of television menus~~ automatically determine whether to present the first menu option or the second menu option to the user ~~that includes the at least one television menu option~~ based on whether the first or second service identifier is linked by the respective first or second pointer associated with the selected television channel, and display either the first or second menu option depending on the determination.

6. (Currently Amended) The programmable television services client device of claim 5, wherein the processor is further configured with the logic to present the first or second service corresponding to the respective first or second service identifier, the first or second service is identified by information previously stored in memory.

7. (Currently Amended) The programmable television services client device of claim 5, wherein the processor is further configured with the logic to present the first or second service corresponding to the respective first or second service identifier, the first or second service ~~provided~~ is identified by an operating system.

8. (Currently Amended) The programmable television services client device of claim 5, wherein the ~~user~~ input signal corresponds to a predefined input signal.

9. (Currently amended) A programmable television services client device that provides television control services, said client device comprising:

a device configured to select one of a plurality of television services;

memory with logic stored therein, the memory configured to store:

~~a plurality of service identifiers in a first data structure, the service identifiers associated with a respective application identifier and definitional information regarding a plurality of television menus in which each television menu includes at least one television menu option, the at least one television menu option being defined for each television menu based on each television service~~ a service data structure comprising a first service entry and a second service entry, the first service entry comprising the first application identifier, a first identifier of a first executable software application associated with the first application identifier, and a first menu option, the second service entry comprising the second application identifier, a second identifier of a second executable software application associated with the second application identifier, and a second menu option, the first and second menu options contextually related to the first and second applications identifiers, respectively; and

a processor coupled to said memory ~~that is~~ and configured with the logic to receive an input signal from a user input corresponding to a menu command, and responsive to receiving the input signal:

identify a television service that is currently being provided to the user,

the television service being provided to the user by ~~an~~ the first or

second executable software application identified by the respective
first or second application identifier; and
provide the corresponding one of the television menus of the plurality of
television menus to the user that includes at least one television
menu option that is selected based on the identified television
service;
automatically determine whether to present the first menu option or the
second menu option based on the selected channel and based on
associating entries in the channel data structure and the service
data structure with the selected channel; and
display either the first or second menu option depending on the
determination, wherein a corresponding one of the television
menus of the plurality of television menus the first menu option
and the second menu option are is provided for each and every
respective television service of the plurality of television services
in response to selection thereof, the provided corresponding one of
the television menus of the plurality of television menus including
at least one television menu option that corresponds to the selected
television service.

10. (Previously presented) The programmable television services client device of claim 9, wherein the television service is selected from a group consisting of:
a purchasable media presentation, a non-purchasable media presentation, a digital transmission, an analog transmission, a television control service, an information service, and a communication service.
11. (Currently Amended) The programmable television services client device of claim 9, wherein the television service provided is identified by information previously stored in memory.
12. (Currently Amended) The programmable television services client device of claim 9, wherein the television service provided is identified by an operating system.
13. (Original) The programmable television services client device of claim 9, wherein the user input corresponds to a predefined input signal.

14. (Currently Amended) A method for providing a television menu comprising:
- receiving a plurality of television services via a settop terminal (STT);
- storing, in a memory associated with the STT, ~~a plurality of service identifiers in a first data structure, the service identifiers associated with a respective application identifier and definitional information regarding a plurality of television menus in which each television menu includes at least one television menu option, the at least one television menu option being defined for each television menu based on each television service~~ a service data structure comprising a first service entry and a second service entry, the first service entry comprising the first application identifier, a first identifier of an executable software application associated with the first application identifier, and a first menu option, the second service entry comprising the second application identifier, a second identifier of an executable software application associated with the second application identifier, and a second menu option, the first and second menu options contextually related to the first and second applications identifiers, respectively;
- selecting one of the plurality of television services via the STT;
- receiving an input signal from a user input corresponding to a menu command to provide a television menu based on the selected television service;
- responsive to receiving the input signal, identifying a television service that is currently being provided to the user via the STT, the television service being provided to ~~the a user by an the executable software~~ application identified by the respective first or second application identifier; and

providing ~~the corresponding one of the a television menus menu of the plurality of~~
~~television menus to the user that includes at least one corresponding to either the~~
~~first or second television menu option that is selected based on the identified~~
~~television service that is currently being provided to the user via the STT, wherein~~
~~a corresponding one of the television menus of the plurality of television menus~~
~~the first menu option and the second menu option are is provided for each and~~
every respective television service of the plurality of television services in
response to selection thereof, ~~the provided corresponding one of the television~~
~~menus of the plurality of television menus including at least one television menu~~
~~option that corresponds to the selected television service.~~

15. (Previously presented) The method for providing a television menu of claim 14,
wherein the television service is selected from a group consisting of:

a purchasable media presentation, a non-purchasable media presentation, a digital
transmission, an analog transmission, a television control service, an information
service, and a communication service.

16. (Currently Amended) The method for providing a television menu of claim 14,
wherein the television service provided is identified by an operating system.

17. (Currently Amended) The method for providing a television menu of claim 14,
wherein the television service is identified by information previously stored in memory.

18. (Currently Amended) The method for providing a television menu of claim 14, wherein the ~~user~~ input signal corresponds to a predefined input signal.

19-24 (Canceled).

25. (New) The method for providing a television menu of claim 1, wherein the first executable software application is the same application as the second executable software application.

26. (New) The method for providing a television menu of claim 1, wherein the first executable software application is a different application than the second executable software application.

27. (New) The method for providing a television menu of claim 5, wherein the first executable software application is the same application as the second executable software application.

28. (New) The method for providing a television menu of claim 5, wherein the first executable software application is a different application than the second executable software application.

29. (New) The method for providing a television menu of claim 9, wherein the first executable software application is the same application as the second executable software application.

30. (New) The method for providing a television menu of claim 9, wherein the first executable software application is a different application than the second executable software application.